



## FIXING SYSTEMS

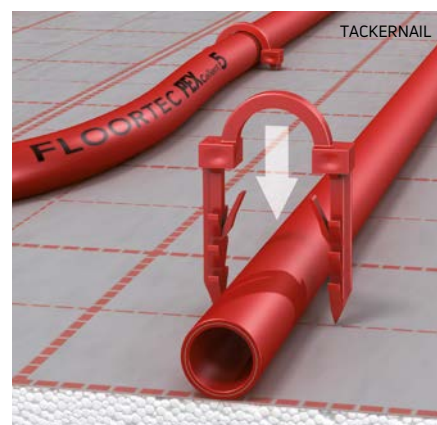
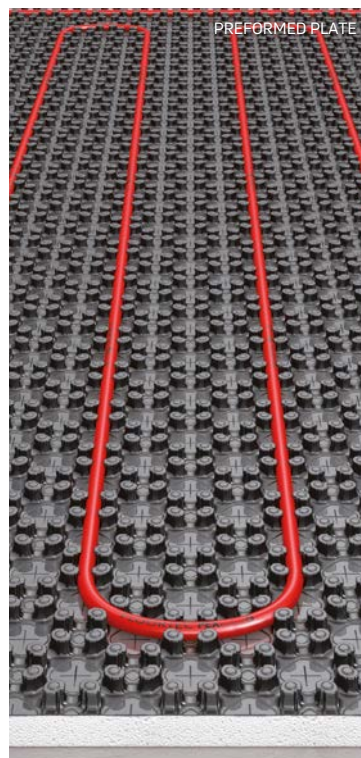
MYSON FLOORTEC underfloor heating offer a full and comprehensive range of fixing systems for all floor types. Our systems are suitable for any project, and include solutions for solid, suspended, floating and retrofit floors.

SOLID FLOORS are a common type of floor system and are cost effective for underfloor heating. Underfloor heating pipes are embedded into concrete or screed.

SUSPENDED FLOORS include joisted floors with conventional joists supported on end walls of sleeper walls as well as solid floors with battens fixed to the floor.

FLOATING FLOOR structures are ideal for underfloor heating as they have a low thermal mass and therefore a rapid response to changes in temperature.

RETROFIT FLOORS allow you to install underfloor heating in older and existing properties without the need for expensive excavation.





# TACKERNAIL

MYSON FLOORTEC underfloor heating Tackernails are exclusive to MYSON, and are the strongest nail solution available. The Tackernail system is suitable for solid floor types.



The Tackernail is made entirely out of plastic so there is no clogging from sticking tape. It also has more barbs, so there is no worry about nails lifting. The pipe is positioned in place and the Tackernail is fixed over the pipe using a MYSON FLOORTEC Tackertool. The Tackertool is specifically designed to work with our Tackernails for easy and efficient operation. It can be purchased or rented from MYSON FLOORTEC.

Tackernail and Tackertool have been designed with the installer in mind, as it is a fast and effective method of anchoring the MYSON FLOORTEC underfloor heating pipework. It is also very flexible allowing both spiral and serpentine laying patterns.

Please note: No floor insulation is supplied with this fixing system.



## DELIVERY

2 - 5 working days.

Description	Order Code
3D Short (38mm) Tackernail* (Box of 400)	50250
3D Medium (42mm) Tackernail* (Box of 400)	50251
3D Long (58mm) Tackernail* (Box of 400)	50252
3D Tackertool UNI	50253
Red Insulated Pipe Sleeve (20m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220
Screed Tape (75m Roll)	50226
25mm PS20 Flatpack Insulation (10m <sup>2</sup> )	50325
50mm PS20 Flatpack Insulation (10m <sup>2</sup> )	50350

\*Tackernails are only compatible with the 3D Tackertool UNI.



# CLIPRAIL

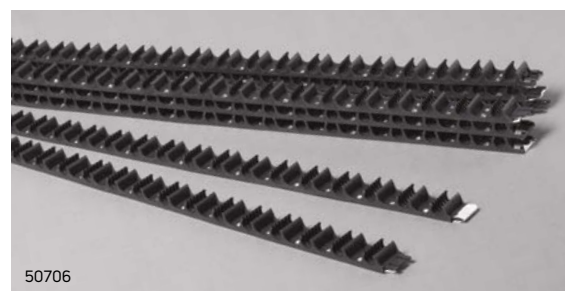
Cliprail systems are for use on solid floor types. The Cliprails are designed to attach the MYSON FLOORTEC underfloor heating pipework to floor insulation (supplied by others) using the adhesive and Cliprail pins supplied.



The Cliprail consists of a robust, u-shaped channel that is 1m in length, with fixing positions every 50mm.

This is a fast and cost effective method of installing underfloor heating and is suitable for both traditional and liquid screeds. The pipe is installed in a serpentine laying pattern.

Please note: No floor insulation is supplied with this fixing system.



**DELIVERY**  
2 - 5 working days.

Description	Order Code
17mm Black Cliprail (1m length)	50706
50mm Red Cliprail Pins (Pack of 500)	50710
Anchor Clips	50228
Red Insulated Pipe Sleeve (10m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220
Screed Tape (75m Roll)	50226





# PREFORMED PLATE

Preformed Plate is a fast and effective fixing system and is ideal for single person installations. It is suitable for solid floor types.



It is a castellated fixing system that comprises of an expanded 11mm polystyrene insulation base with raised burls that are designed to firmly grip the MYSON FLOORTEC underfloor heating pipe. The pipe is fixed easily into the desired pattern by lightly pressing with your foot.

It is suitable for 14 - 17mm pipework and is very flexible, allowing both spiral and serpentine laying patterns.



50236



50237



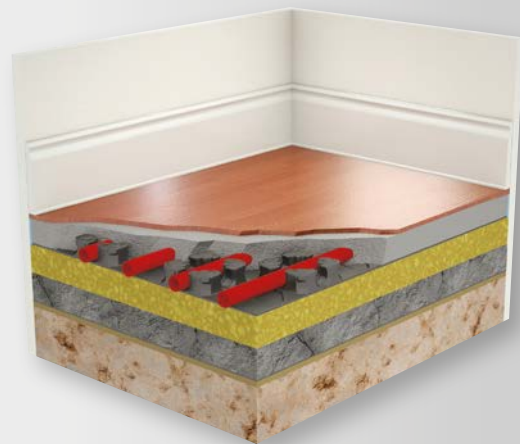
**DELIVERY**  
2 - 5 working days.

Description	Order Code
Preformed Plate 14 to 17mm Pipe (1500 x 800mm)	50236
Foam Perimeter Tube (100m)	50237
Red Insulated Pipe Sleeve (10m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220



# NAKED PREFORMED PLATE

Naked Preformed Plate is a fast and effective fixing system and is ideal for single person installations. It is suitable for solid floor types.



It excludes the 11mm polystyrene insulation that comes with Preformed Plate and is a cost-effective alternative. It is more streamlined and therefore ideal for areas where space is critical. It is a castellated fixing system with raised burls that are designed to firmly grip the MYSON FLOORTEC underfloor heating pipe. The pipe is fixed easily into the desired pattern by lightly pressing with your foot.

It is suitable for 14 - 17mm pipework and is very flexible, allowing both spiral and serpentine laying patterns.



50537



50538



**DELIVERY**  
2 - 5 working days.

Description	Order Code
Naked Preformed Plate 14 to 17mm Pipe (1440 x 840mm)	50537
Fixing Dowel	50538
Red Insulated Pipe Sleeve (20m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220
Foam Perimeter Tube (100m)	50237



# MICROPLATE

Suitable for multiple build types, achieving the appearance, functionality and performance of a solid floor.



MICROPLATE WITH INSULATION  
ABOVE SLAB

The MicroPlate panel can easily be installed by a single person. MicroPlate is a secure pipe holder and becomes an integral part of the floor structure once latex screed has been applied, making the plate resistant to impact. Ultra low lift system at only 15mm utilising a 12mm pipe.



MICROPLATE WITH INSULATION  
BELOW SLAB



**DELIVERY**  
2 - 5 working days.

Description	Order Code
15mm MicroPlate panel with adhesive (1000 x 600mm)	50542



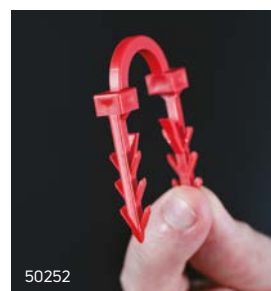
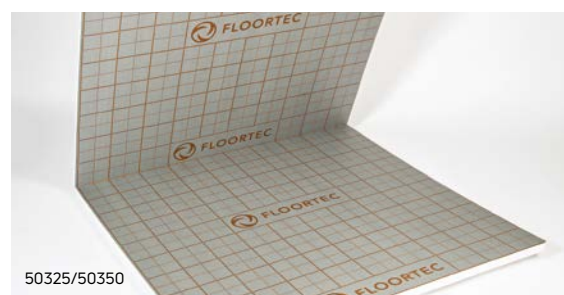
# TACKER

Tacker fixing system is suitable for solid floor types and incorporates all the advantages of our Tackernail fixing system.



It is supplied with 25 or 50mm insulation with a webbing foil bonded to the surface. This foil acts as a protective layer, but also helps to assist the positioning of the pipework with a handy 50mm grid marked on. The pipe is then positioned in place using our exclusive Tackernails and Tackertool. It is also very flexible allowing both spiral and serpentine laying patterns.

The Tackernail is made entirely out of plastic so there is no clogging from sticking tape. It also has more barbs, so there is no worry about nails lifting. The Tackertool is specifically designed to work with our Tackernails for easy and efficient operation. It can be purchased or rented from MYSON FLOORTEC.



**DELIVERY**  
2 - 5 working days.

Description	Order Code
25mm PS20 Flatpack Insulation (10m <sup>2</sup> )	50325
50mm PS20 Flatpack Insulation (10m <sup>2</sup> )	50350
3D Short (38mm) Tackernail* (Box of 400)	50250
3D Medium (42mm) Tackernail* (Box of 400)	50251
3D Long (58mm) Tackernail* (Box of 400)	50252
3D Tackertool UNI	50253
Red Insulated Pipe Sleeve (20m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220
Screed Tape (75m Roll)	50226

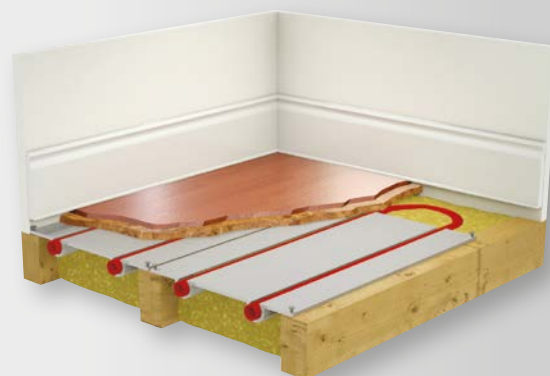
\*Tackernails are only compatible with the 3D Tackertool UNI.





# PLATED

Suspended floor systems include both joisted floors with conventional joists supported on end walls of sleeper walls, as well as solid floors with battens fixed to the floor.



50550

The underfloor heating system consists of aluminium diffusion plates fitted between joists or battens. These are grooved to accept the underfloor heating pipework. The aluminium plate is used for its excellent thermal conduction as well as its low weight. It is suitable for 16 and 17mm pipework.



50548



50548



**DELIVERY**  
2 - 5 working days.

Description	Order Code
Double Floor Plate (1000 x 388mm)	50550
3 Channel Floor Plate (1000 x 388mm)	50548
3 Channel Floor Plate (1000 x 588mm)	50553



# SUBPLATE

MYSON SUBPLATE is suitable for use on both traditional and composite joists and is ideal for situations where the floor coverings are already in place.



This system consists of an aluminium diffusion plate, fitted on the underside of the floor between the joists.

SUBPLATE is available in two width sizes, 150mm and 250mm, giving pipe centre flexibility depending on your joist configuration. For advice on using this system in alternative configurations, please speak with our technical department on **0845 402 3434**.



**DELIVERY**  
2 - 5 working days.

Description	Order Code
SUBPLATE (250 x 1000mm)	50555
SUBPLATE (150 x 1000mm)	50556



# FLOATING FLOOR

The MYSON FLOORTEC floating floor system has been uniquely developed to meet the increasing demand for this type of flooring structure.



Floating floor systems have a low thermal mass and consequently have a swift response time to changes in temperature. Floating floors also reduce the overall load on the building, minimising the weight of the floor compared to the other floor systems. It is suitable for 16mm multi-layer pipework only.

The grooves are designed to accept MYSON FLOORTEC preformed aluminium diffusion plates, which spread the heat laterally across the floor from the heating pipework.

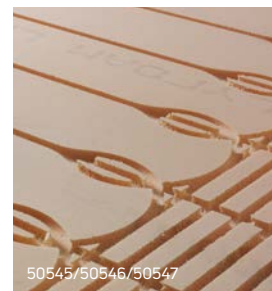
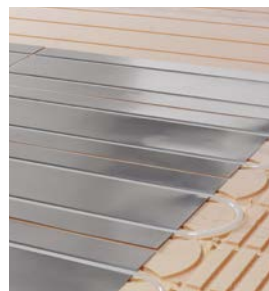
## Technical data

	30/40/50mm Panel
Nominal Density (Kg/m <sup>2</sup> )	30
Thermal Conductivity (W/mK)	0.029
Minimum Compressive Strength (kPa)	200
Long Term Static Load (kPa)	Design Loads*
Occasional Loading (kPa)	Design Loads*
Water Vapour Resistance (MNs/gm)	480
Moisture Absorption (by vol.)	0.3%
Continuous Service Temp Limits (°C)	-50 to +75

\*Design loads by calculated methods (BBA)



50550



50545/50546/50547



## DELIVERY

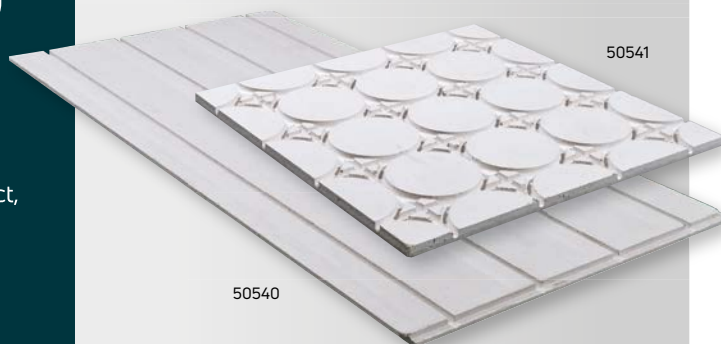
2 - 5 working days.

Description	Order Code
30mm XPS Floating Floor Panel (2400 x 1200mm)	50545
40mm XPS Floating Floor Panel (2400 x 1200mm)	50546
50mm XPS Floating Floor Panel (2400 x 1200mm)	50547
Flat Floor Plate (1000 x 400mm)	50552
Double Floor Plate (1000 x 388mm)	50550
Compact Pipe De-Coiler	50018
Hot Cutter	50008
Replacement Hot Cutter Blade	50007



# MICROBOARD

MICROBOARD, from MYSON FLOORTEC, is a retrofit, low profile underfloor heating system. It can be installed over an existing floor, or be used as part of a new build project, making it our most flexible system yet.



At only 18mm in depth it allows for underfloor heating to be easily installed into older and existing properties without the need for expensive and disruptive excavation.

It is available in two panel types, straight and return, and our 12mm PEXcellent5 pipe is easily laid into the panels.

## Technical data

	18mm Board
Density (Kg/m <sup>3</sup> )	1150±50
Thermal Conductivity (W/mK)	0.32
Minimum Compressive Strength (kPa / N/mm <sup>2</sup> )	8500 / 8.5
Airborne Sound (Rw)	28dB
Impact Sound (Ln,w)	86dB
Specific Heat Capacity (kJ/kgK)	1.1



**DELIVERY**  
2 - 5 working days.

Description	Order Code
Straight Board (1200 x 600 x 18mm)	50540
Return Board (600 x 600 x 18mm)	50541